

Abstract of the Disclosure

The invention relates to a method for determining the
5 correlation phase between a signal received at a receiver
and a replica sequence. A matched filter multiplies
samples (21) of the received signal with samples (22) of
the replica and sums the resulting products to obtain a
correlation value for a specific correlation phase. The
10 samples of the received signal and the replica are
shifted relative to each other for each correlation phase
that is to be checked. In order to reduce the
computational load, it is proposed that results obtained
in the correlation calculations for one correlation phase
15 are used by the matched filter also for calculations for
a subsequent correlation phase. The invention relates
equally to a corresponding receiver, to an electronic
device comprising such a receiver, to a device
cooperating with such a receiver and to a corresponding
20 system.